Journal of Magnetism and Magnetic Materials 121 (1993) 553–562
North-Holland

Author index to volume 121

Abraham, D., see G. Spierings 121 (1993) 109
Abraham, D.L., see M.W.J. Prins 121 (1993) 152
Ago, J., see S. Honda 121 (1993) 506
Ahmad, M., see R. Naik 121 (1993) 60
Alameda, J.M., L.T. Baczewski, N. Bobillo, D. Givord, G.T. Pérez and F.H. Salas, Magnetic coupling in YCo_2/(Mo)/Gd-Co_2 amorphous sandwiches evidenced by Kerr effect 121 (1993) 336
Alameda, M., see F.H. Salas 121 (1993) 548
Almeida, B.G., M.A. Salgueiro, J.B. Sousa and N.K. Flevaris, A new anomaly in thin Ni–Cu multilayered films 121 (1993) 443
Alphen, E.A.M. van, H.A.M. de Gronckel, P.J.H. Bloemen, A.S. van Steenbergen and W.J.M. de Jonge, Structural dependence of the magnetic anisotropy of Co films 121 (1993) 77
Altarelli, M., see A. Fasolino 121 (1993) 194
Amaral, V.S., see M.A. Salgueiro 121 (1993) 440
Andrä Jr., W., see R. Mattheis 121 (1993) 424
Andrieu, S., M. Piecuch, H. Fischer, J.F. Bobo, F. Bertran, Ph. Bauer and M. Hennion, FeIr(001) superlattices: growth, structure, and magnetic properties 121 (1993) 30

Baczewski, L.T., see J.M. Alameda 121 (1993) 336
Baibich, M.N., see G. Tosin 121 (1993) 399
Balbás, L.C., see A. Vega 121 (1993) 177
Barbara, B., see J. Tejada 121 (1993) 227
Barbier, A., V. Da Costa, P. Ohresser, B. Carrière and J.P. Deville, Study of the Pt/Co(10$\bar{1}$0) interface and Co/Pt/Co(10$\bar{1}$0) sandwiches: growth mode and crystallographic structure 121 (1993) 73
Barchewitz, R., see J.M. Tonnerre 121 (1993) 230
Barnaś, J. and P. Grünberg, On the biquadratic interlayer coupling in layered magnetic structures 121 (1993) 326
Barradas, N., J. Leal, H. Wolters, M.F. da Silva, A.A. Melo, J.C. Soares, L. Melo, P. Freitas, B. Swinnen and M. Rots, Interface and structure characterization of Co/Re multilayers using RBS/channeling and hyperfine interactions 121 (1993) 80
Barthelemy, A., see A. Schuhl 121 (1993) 275
Bateson, R.D., G.W. Ford, J.A.C. Bland, H.J. Lauter, B. Heinrich and Z. Celinski, Diffuse polarised neutron reflection studies of ultrathin bcc Fe(001) epitaxial films 121 (1993) 189
Baudelet, F., see A. Fontaine 121 (1993) 10
Baudelet, F., see S. Pizzini 121 (1993) 208
Baudry, A., see M.C. Luche 121 (1993) 148
Bauer, Ph., see S. Andrieu 121 (1993) 30
Bauer, Ph., see C. Dufour 121 (1993) 300
Baylac, B., see J.-F. Bobo 121 (1993) 291
Baylac, B., see A. Sdaq 121 (1993) 409
Bayreuther, G., see G. Lugert 121 (1993) 498
Beauvillain, P., see F. Giron 121 (1993) 24
Beauvillain, P., see F. Giron 121 (1993) 318
Beauvillain, P., C. Chappert, V. Grolier, R. Mégy, S. Ould-Mahfoud, J.P. Renard and P. Veillet, Magnetic interface anisotropy in ultrathin cobalt films Au/Co/M/Au, with M = Au, Cu, Pd or Pt 121 (1993) 503
Berger, A. and H.P. Oepen, Magnetic domain walls in ultrathin fcc-cobalt films 121 (1993) 102
Berger, A., see H.P. Oepen 121 (1993) 490
Berkowitz, A., see G.P. Felcher 121 (1993) 105
Bertran, F., see S. Andrieu 121 (1993) 30
Bessho, K., see S. Hashimoto 121 (1993) 471
Bland, J.A.C., see V.V. Pasyuk 121 (1993) 180
Bland, J.A.C., see S.J. Blundell 121 (1993) 185
Bland, J.A.C., see R.D. Bateson 121 (1993) 189
Bloemen, P.J.H., see E.A.M. van Alphen 121 (1993) 77
Bloemen, P.J.H., W.J.M. de Jonge and H.C. Donkersloot, Determination of the ferromagnetic coupling across Pd by spin-engineered multilayer structures 121 (1993) 279
Bloemen, P.J.H., W.J.M. de Jonge and R. Coehoorn, Interlayer coupling in Co/Os multilayers 121 (1993) 306
Blundell, S.J. and J.A.C. Bland, Polarised neutron reflection as a probe of in-plane magnetisation vector rotation in magnetic multilayers 121 (1993) 185
Bobillo, N., see J.M. Alameda 121 (1993) 336
Bobo, J.-F., B. Baylac, L. Hennet, O. Lenoble, M. Piecuch, B. Raquet and J.-C. Ousset, AF coupling of copper–cobalt multilayers with small grain size 121 (1993) 291
Bobo, J.F., see S. Andrieu 121 (1993) 30
Bobo, J.F., see S. Pizzini 121 (1993) 208
Bobo, J.F., see A. Sdaq 121 (1993) 409

0304-8853/93/$06.00 © 1993 – Elsevier Science Publishers B.V. All rights reserved

Boeglin, C., Spin-polarized electron emission from Fe(100) by circularly polarized synchrotron radiation 121 (1993) 130
Bogaerts, R., see W. Van Roy 121 (1993) 197
Boher, P., see F. Giron 121 (1993) 24
Boher, P., see F. Giron 121 (1993) 318
Boher, P., see A. Fnidiki 121 (1993) 520
Borges, J.F.M., G. Tosin, L.F. Schelp, N. Mattoso, S.R. Teixeira, D.H. Mosca and W.H. Schreiner, Structure and magnetoresistance of Fe/Cu superlattices grown on Si(111) 121 (1993) 53
Borghs, G., see W. Van Roy 121 (1993) 197
Boyer, P., see M.C. Luche 121 (1993) 148
Braga, M.E., see M.A. Salgueiro 121 (1993) 440
Brändle, H., see D. Weller 121 (1993) 461
Brennan, S., see B.M. Clemens 121 (1993) 37
Brockmann, M., see G. Lugert 121 (1993) 498
Broeder, F.J.A. den, see V.V. Pasyuk 121 (1993) 180
Broeder, F.J.A. den, see M.T. Johnson 121 (1993) 494
Broto, J.M., see A. Sdaq 121 (1993) 409
Brouder, C., see A. Fontaine 121 (1993) 10
Bruno, E. and B.L. Gyorffy, On the origin of oscillatory coupling in metallic multilayers 121 (1993) 322
Bruno, P., Interlayer exchange coupling: a unified physical picture 121 (1993) 248

Camarero, J., see J.L. Martínez-Albertos 121 (1993) 20
Camblong, H.E., see P.M. Levy 121 (1993) 357
Camblong, H.E. and P.M. Levy, Theory of conductance and magnetoresistance of magnetic multilayered structures 121 (1993) 446
Camley, R.E., see J. Fassbender 121 (1993) 270
Camley, R.E., see C. Dufour 121 (1993) 300
Carara, M., see G. Tosin 121 (1993) 399
Carcia, P.F., Z.G. Li and W.B. Zeper, Effect of sputter-deposition processes on the microstructure and magnetic properties of Pt/Co multilayers 121 (1993) 452
Carey, M., see G.P. Felcher 121 (1993) 105
Carpi, E.L., see W. Van Roy 121 (1993) 197
Carra, P., see A. Fasolino 121 (1993) 194
Carrière, B., see A. Barbier 121 (1993) 73
Cebollada, A., see E. Navas 121 (1993) 65
Celinski, Z., see R.D. Bateson 121 (1993) 189
Cerdá, J., see E. Navas 121 (1993) 65
Chamberod, A., see A. Marty 121 (1993) 57
Chambliss, D. D., K. E. Johnson, R. J. Wilson and S. Chiang, Surface structure and metal epitaxy: STM studies of ultrathin metal films on Au(111) and Cu(100) 121 (1993) 1
Chappert, C., see D. Weller 121 (1993) 461
Chappert, C., see P. Beauvillain 121 (1993) 503
Cherief, N., D. Givord, A. Liénard, K. Mackay, O.F.K. McGrath, J.P. Rebouillat, F. Robaut and Y. Souche, Laser ablation deposition and magnetic characterization of metallic thin films based on rare earth and transition metals 121 (1993) 94
Cherifi, K., M. Nassik, C. Dufour, G. Marchal and Ph. Mangin, Magnetization study of Er/Fe multilayers 121 (1993) 296
Cherifi, K., see C. Dufour 121 (1993) 300
Chiang, S., see D.D. Chambliss 121 (1993) 1
Childress, J.R., see O. Durand 121 (1993) 140
Childress, J.R., see A. Schuhl 121 (1993) 275
Clemens, B.M., R. Osgood, A.P. Payne, B.M. Lairson, S. Brennan, R.L. White and W.D. Nix, In-situ observation of anisotropic strain relaxation in epitaxial Fe (110) films on Mo (110) 121 (1993) 37
Clemens, B.M., see N.M. Rensing 121 (1993) 436
Coehoorn, R., see J.C.S. Kools 121 (1993) 83
Coehoorn, R., A. De Veirman and J.P.W.B. Duchateau, The phase of the oscillatory exchange coupling in coherent fcc (Fe–Co–Ni)/Cu (001) multilayers 121 (1993) 266
Coehoorn, R., see P.J.H. Bloemen 121 (1993) 306
Coehoorn, R., On the spin dependence of electron scattering at nonideal interfaces 121 (1993) 432

d'Albuquerque e Castro, J., see A.C. de Castro Barbosa 121 (1993) 167
d'Albuquerque e Castro, J., see M.V. Tovar Costa 121 (1993) 170
Da Costa, V., see A. Barbier 121 (1993) 73
da Silva, E.C., R. Meckenstock, O. von Geisau, R. Kordecki, J. Pelzl, J.A. Wolf and P. Grünberg, Ferromagnetic resonance investigations of anisotropy fields of Fe(001) epitaxial layers 121 (1993) 528
da Silva, M.F., see N. Barradas 121 (1993) 80
Dartyge, E., see A. Fontaine 121 (1993) 10
Dartyge, E., see S. Pizzini 121 (1993) 208
de Andrés, P., see E. Navas 121 (1993) 65
De Boeck, J., see W. Van Roy 121 (1993) 197
de Castro Barbosa, A.C. and J. d'Albuquerque e Castro, Electronic structure of substitutional impurities near metallic surfaces 121 (1993) 167
de la Figuera, J., see J.L. Martínez-Albertos 121 (1993) 20
De Veirman, A., see R. Coehoorn 121 (1993) 266
Dehesa, C., see F.H. Salas 121 (1993) 548
Dekoster, J., E. Jedryka, C. Mény and G. Langouche, Epitaxial growth of bcc Co/Fe superlattices 121 (1993) 69
Demangeat, C., see P. Rennert 121 (1993) 119
Demangeat, C., see H. Nait-Laziz 121 (1993) 123
Deville, J.P., see A. Barbier 121 (1993) 73
Dieny, B., see R. Ribas 121 (1993) 313
Dieny, B., A. Vedyayev and N. Ryzhanova, Comparison of semi-classical and real-

space quantum theories of giant magnetoresistance 121 (1993) 366
Dieny, B., see J.P. Nozières 121 (1993) 386
Donkersloot, H.C., see P.J.H. Bloemen 121 (1993) 279
Donzelli, O., G. Fratucello, F. Ronconi, D. Fiorani and A.M. Testa, Magnetic behaviour of iron–nickel multilayers 121 (1993) 220
Dreyssé, H., see P. Rennert 121 (1993) 119
Dreyssé, H., see A. Vega 121 (1993) 177
Dubowik, J. and S. Klama, SWR in NiFeCu films with modified magnetization profiles 121 (1993) 513
Duchateau, J.P.W.B., see R. Coehoorn 121 (1993) 266
Dufour, C., see K. Cherifi 121 (1993) 296
Dufour, C., Ph. Bauer, M. Sajieddine, K. Cherifi, G. Marchal, Ph. Mangin and R.E. Camley, Magnetic structure of Gd/Fe multilayers 121 (1993) 300
Dunifer, G.L., see R. Naik 121 (1993) 60
Dupuis, V., see A. Fontaine 121 (1993) 10
Durand, O., J.M. George, J.R. Childress, S. Lequien, A. Schuhl and A. Fert, Low ferromagnetic moment observed in fcc (111) Fe/Cu multilayers 121 (1993) 140
Durand, O., see A. Schuhl 121 (1993) 275

Ebert, H., see S. Stähler 121 (1993) 234
Edwards, D.M., see J. Mathon 121 (1993) 242
Effner, U.A., see W. Weber 121 (1993) 156
El Monkade, S., see C. Sella 121 (1993) 201
Elmers, H.J., see J. Kohlhepp 121 (1993) 487
Eymery, J., see A. Marty 121 (1993) 57

Falicov, L.M. and R.Q. Hood, A Boltzmann-equation approach to the magnetoresistance of ferromagnetic–normal metallic multilayers 121 (1993) 362
Fang, K., see R. Naik 121 (1993) 60
Fasolino, A., P. Carra and M. Altarelli, Surface X-ray resonant magnetic scattering 121 (1993) 194
Fassbender, J., F. Nörtemann, R.L. Stamps, R.E. Camley, B. Hillebrands, G. Güntherodt and S.S.P. Parkin, Oscillatory interlayer exchange coupling of Co/Ru and permalloy/Ru multilayers investigated by Brillouin light scattering 121 (1993) 270
Fastenau, R.H.J. see J.C.S. Kools 121 (1993) 83
Felcher, G.P., Y.Y. Huang, M. Carey and A. Berkowitz, Polarized neutron reflection study of the unidirectional magnetic anisotropy of Permalloy on $Ni_{0.5}Co_{0.5}O$ 121 (1993) 105
Felcher, G.P., see M. Loewenhaupt 121 (1993) 173
Ferré, J., see A. Kirilyuk 121 (1993) 536
Fert, A., see O. Durand 121 (1993) 140
Fert, A., see A. Schuhl 121 (1993) 275
Fert, A., see T. Valet 121 (1993) 378
Fiorani, D., see O. Donzelli 121 (1993) 220
Fischer, H., see S. Andrieu 121 (1993) 30
Fischer, P., see S. Stähler 121 (1993) 234
Flevaris, N.K., see M.A. Salgueiro 121 (1993) 440
Flevaris, N.K., see B.G. Almeida 121 (1993) 443
Flevaris, N.K., S. Logothetidis, J. Petalas, P. Kielar, M. Nyvlt, V. Parizek, S. Visnovsky and R. Krishnan, Ellipsometric and polar Kerr spectroscopic studies of Pd–Ni and Co–Pt multilayers 121 (1993) 479
Fnidiki, A., F. Richomme, J. Teillet, F. Pierre, P. Boher and Ph. Houdy, Tb/Fe multilayers: A study by conversion electron Mössbauer spectrometry and polar Kerr effect 121 (1993) 520
Fontaine, A., F. Baudelet, S. Pizzini, C. Brouder, E. Dartyge, C. Giorgetti, G. Krill, J.P. Kappler, M. Piecuch, M. Maurer, M.F. Ravet and V. Dupuis, X-ray absorption spectroscopy for crystallographic and magnetic characterizations of metallic superlattices 121 (1993) 10
Fontaine, A., see S. Pizzini 121 (1993) 208
Ford, G.W., see R.D. Bateson 121 (1993) 189
Fratucello, G., see O. Donzelli 121 (1993) 220
Freitas, P., see N. Barradas 121 (1993) 80
Freitas, P.P., see I.G. Trindade 121 (1993) 286
Freitas, P.P., see L.V. Melo 121 (1993) 390
Freitas, P.P., see L.V. Melo 121 (1993) 395
Fritzsch, L., see R. Mattheis 121 (1993) 424
Fry, J.L., see P.M. Levy 121 (1993) 357
Fujimori, H., N. Hasegawa, N. Kataoka, S. Nagata and S. Yamaguchi, Thermal stability of nanocrystalline multilayered structure in soft-magnetic Fe/Fe–Hf–C films 121 (1993) 42
Fujimori, H., see K. Takanashi 121 (1993) 309
Fujimori, H., see N. Kataoka 121 (1993) 383
Fujimoto, K., see S. Hashimoto 121 (1993) 471

Gallego, J.M., see J.L. Martínez-Albertos 121 (1993) 20
Galtier, P., see A. Schuhl 121 (1993) 275
Galtier, P., see T. Valet 121 (1993) 402
García, J.M., see J.L. Martínez-Albertos 121 (1993) 20
Gautier, F., see D. Stoeffler 121 (1993) 259
Gay, J.M., see V.V. Pasyuk 121 (1993) 180
Geoffroy, O., D. Givord, Y. Otani, B. Pannetier and F. Ossart, Magnetic and transport properties of ferromagnetic particulate arrays fabricated on superconducting thin films 121 (1993) 223
Geoffroy, O., D. Givord, Y. Otani, B. Pannetier, A.D. Santos, M. Schlenker and Y. Souche, TMOKE hysteresis loops in Bragg diffraction from 2D patterns 121 (1993) 516
George, B., see B. Rodmacq 121 (1993) 213
George, J.M., see O. Durand 121 (1993) 140
George, J.M., see A. Schuhl 121 (1993) 275

Gijs, M.A.M. and M. Okada, Comparison of the magnetoresistance of Fe/Cr multilayers with the reciprocal-space quantum model of giant magnetoresistance 121 (1993) 371
Gilles, B., see A. Marty 121 (1993) 57
Giorgetti, C., see A. Fontaine 121 (1993) 10
Giorgetti, Ch., see S. Pizzini 121 (1993) 208
Giron, F., P. Boher, Ph. Houdy, P. Beauvillain, K. Le Dang and P. Veillet, Growth and structure of fcc (100) Co/Cu and Fe/Cu multilayers 121 (1993) 24
Giron, F., P. Boher, Ph. Houdy, P. Beauvillain, K. Le Dang and P. Veillet, Magnetoresistance in fcc 100 Co/Cu multilayers: modeling with Cu spatial thickness fluctuations 121 (1993) 318
Givord, D., see N. Cherief 121 (1993) 94
Givord, D., A.D. Santos, Y. Souche, J. Voiron and S. Wüchner, Magnetic properties of amorphous Y–Co/Gd–Co/Y–Co sandwiches 121 (1993) 216
Givord, D., see O. Geoffroy 121 (1993) 223
Givord, D., see J.M. Alameda 121 (1993) 336
Givord, D., see O. Geoffroy 121 (1993) 516
Godinho, M.M., see L.V. Melo 121 (1993) 395
Gomes, A.A., see G. Tosin 121 (1993) 399
Goto, S., see S. Tsunashima 121 (1993) 429
Gradmann, U., see J. Kohlhepp 121 (1993) 487
Greaves, S.J., P.J. Grundy and R. J. Pollard, Magnetic properties of cobalt layers and Co/Pt multilayers 121 (1993) 532
Greig, D., see M.J. Hall 121 (1993) 421
Grolier, V., see P. Beauvillain 121 (1993) 503
Gronckel, H.A.M. de, see E.A.M. van Alphen 121 (1993) 77
Grünberg, P., see J. Barnaś 121 (1993) 326
Grünberg, P., see E.C. da Silva 121 (1993) 528
Grünberg, P.A., see J.A. Wolf 121 (1993) 253
Grundy, P.J., see S.J. Greaves 121 (1993) 532
Güntherodt, G., see W. Weber 121 (1993) 156
Güntherodt, G., see D. Hartmann 121 (1993) 160
Güntherodt, G., see J. Fassbender 121 (1993) 270
Güntherodt, G., see P. Krams 121 (1993) 483
Gurney, B.A., see J.P. Nozières 121 (1993) 386
Gurney, B.A., see C. Mény 121 (1993) 406
Gyorffy, B.L., see E. Bruno 121 (1993) 322

Hahn, W., see M. Loewenhaupt 121 (1993) 173
Hakkens, F.J.G. see J.C.S. Kools 121 (1993) 83
Hall, M.J., B.J. Hickey, M.A. Howson, M.J. Walker, D. Greig and N. Wiser, Effect of annealing on the giant magnetoresistance of Co/Cu superlattices 121 (1993) 421
Hartmann, D., see W. Weber 121 (1993) 156
Hartmann, D., W. Weber, D.A. Wesner, S. Popovic and G. Güntherodt, Spin-polarized photoemission at interfaces of noble metals with Co and Fe 121 (1993) 160
Hasegawa, N., see H. Fujimori 121 (1993) 42
Hashimoto, S., see K. Inomata 121 (1993) 350
Hashimoto, S., A. Maesaka, K. Fujimoto and K. Bessho, Magneto-optical applications of Co/Pt multilayers 121 (1993) 471
Heinrich, B., see R.D. Bateson 121 (1993) 189
Hennet, L., see J.-F. Bobo 121 (1993) 291
Hennion, M., see S. Andrieu 121 (1993) 30
Hergert, W., see P. Rennert 121 (1993) 119
Hickey, B.J., see M.J. Hall 121 (1993) 421
Hillebrands, B., see J. Fassbender 121 (1993) 270
Hillebrands, B., see M. Schilberg 121 (1993) 303
Hillebrands, B., see P. Krams 121 (1993) 483
Hofelich, M., see N. Metoki 121 (1993) 137
Honda, S., T. Kimura and M. Nawate, Saturation magnetization and Curie temperature of Tb/Fe multilayers 121 (1993) 116
Honda, S., see M. Nawate 121 (1993) 144
Honda, S., N. Morita, J. Ago, Y. Tamura and M. Nawate, Annealing effect on perpendicular magnetic anisotropy in bias sputtered Co/Pt multilayers 121 (1993) 506
Hood, R.Q., see L.M. Falicov 121 (1993) 362
Hoogenhof, W.W. v.d. and T.W. Ryan, Structural characterization of Au/Co multilayers by X-ray diffraction, X-ray reflectivity and glancing-incidence X-ray fluorescence 121 (1993) 88
Hopster, H., see H. Tang 121 (1993) 205
Hosoito, N., see K. Shintaku 121 (1993) 413
Houdy, Ph., see F. Giron 121 (1993) 24
Houdy, Ph., see F. Giron 121 (1993) 318
Houdy, Ph., see A. Fnidiki 121 (1993) 520
Howson, M.A., see M.J. Hall 121 (1993) 421
Huang, T.C., see J.P. Nozières 121 (1993) 386
Huang, Y.Y., see G.P. Felcher 121 (1993) 105
Huang, Y.Y., see M. Loewenhaupt 121 (1993) 173
Hubert, A., see M. Rührig 121 (1993) 330
Hubert, A., see R. Mattheis 121 (1993) 424
Humbert, P., see C. Mény 121 (1993) 406

Idir, M., see J.M. Tonnerre 121 (1993) 230
Inomata, K., Y. Saito and S. Hashimoto, Giant magnetoresistance with low saturation fields in Co–Fe/Cu and $Ni_{80}Fe_{20}$/Cu multilayers induced by optimized Ar acceleration voltage in ion beam sputtering 121 (1993) 350
Inoue, J., H. Itoh and S. Maekawa, Electronic states and magnetoresistance in multilayers 121 (1993) 344
Itoh, H., see J. Inoue 121 (1993) 344
Iwata, S., see A. Yamaguchi 121 (1993) 542

Jacquet, J.C., see R. Kergoat 121 (1993) 339
Jacquet, J.C., see T. Valet 121 (1993) 402

Jankowski, H., see L.J. Maksymowicz 121 (1993) 545
Janssen, E., see V.V. Pasyuk 121 (1993) 180
Jedryka, E., see J. Dekoster 121 (1993) 69
Jergel, M., see J.M. Tonnerre 121 (1993) 230
Jiang, E.Y., see X.X. Zhang 121 (1993) 46
Jiang, Z., see A. Sdaq 121 (1993) 409
Jimbo, M., see S. Tsunashima 121 (1993) 429
Johnson, K.E., see D.D. Chambliss 121 (1993) 1
Johnson, M.T., see V.V. Pasyuk 121 (1993) 180
Johnson, M.T., F.J.A. den Broeder, J.J. de Vries, N.W.E. McGee, R. Jungblut and J. aan de Stegge, Perpendicular anisotropy of epitaxial "wedge-shaped" Co/Ni sandwiches grown on single crystal Cu substrates 121 (1993) 494
Jonge, W.J.M. de, see E.A.M. van Alphen 121 (1993) 77
Jonge, W.J.M. de, see P.J.H. Bloemen 121 (1993) 279
Jonge, W.J.M. de, see P.J.H. Bloemen 121 (1993) 306
Joud, J.C., see A. Marty 121 (1993) 57
Jungblut, R., see M.T. Johnson 121 (1993) 494

Kaabouchi, M., see C. Sella 121 (1993) 201
Kaabouchi, M., see R. Zuberek 121 (1993) 510
Kanda, T., see S. Tsunashima 121 (1993) 429
Kappler, J.P., see A. Fontaine 121 (1993) 10
Kataoka, N., see H. Fujimori 121 (1993) 42
Kataoka, N., K. Saito and H. Fujimori, Magnetoresistance of Co–X/Cu multilayers 121 (1993) 383
Katayama, T., see Y. Suzuki 121 (1993) 539
Keavney, D.J., see M.D. Wieczorek 121 (1993) 34
Keavney, D.J., M.D. Wieczorek, D.F. Storm and J.C. Walker, Effects of interfacial roughness on site-probed multilayers of Fe(100)/Ag(100) 121 (1993) 49
Keavney, D.J., D.F. Storm, M.D. Wieczorek and J. C. Walker, Interlayer coupling in epitaxial Fe(110)/Ag(111) multilayers 121 (1993) 283
Kempen, H. van, see M.W.J. Prins 121 (1993) 152
Kergoat, R., M. Labrune, J. Miltat, T. Valet and J. C. Jacquet, Magnetization reversal in $Ni_{80}Fe_{20}$/Cu/Co spin-valves 121 (1993) 339
Kielar, P., see N.K. Flevaris 121 (1993) 479
Kimura, T., see S. Honda 121 (1993) 116
Kiriake, H., see M. Nawate 121 (1993) 144
Kirilyuk, A., J. Ferré, J. Pommier and D. Renard, Domain wall dynamics in ultrathin Au/Co/Au films 121 (1993) 536
Kirschner, J., see E. Navas 121 (1993) 65
Kirschner, J., see H.P. Oepen 121 (1993) 490
Klama, S., see J. Dubowik 121 (1993) 513
Kleinefeld, Th., see M. Schilberg 121 (1993) 303
Knülle, M., see S. Stähler 121 (1993) 234
Kohlhepp, J., H.J. Elmers and U. Gradmann, Magnetic interface anisotropies of Co/Cu(111) and Co/Au(111) interfaces from ultrathin Co films on Cu(111) 121 (1993) 487
Kolodziejczak, B., see H. Puszkarski 121 (1993) 127
Kools, J.C.S., R. Coehoorn, F.J.G. Hakkens and R.H.J. Fastenau, Structural characterization of CoCu multilayers grown by laser ablation deposition 121 (1993) 83
Kordecki, R., R. Meckenstock, J. Pelzl, S. Nikitov and J. C. Lodder, Investigations of bulk and surface spin wave modes in FeNi multilayers by spin wave resonance 121 (1993) 524
Kordecki, R., see E.C. da Silva 121 (1993) 528
Kota, C., see R. Naik 121 (1993) 60
Koutsos, V., see G. Spierings 121 (1993) 109
Krams, P., F. Lauks, R.L. Stamps, B. Hillebrands, G. Güntherodt and H.P. Oepen, Magnetic anisotropies of ultrathin Co films on Cu(001) and Cu(1 1 13) substrates 121 (1993) 483
Krey, U., see S. Krompiewski 121 (1993) 238
Krill, G., see A. Fontaine 121 (1993) 10
Krishnan, R., see N.K. Flevaris 121 (1993) 479
Krishnan, R., see R. Zuberek 121 (1993) 510
Krompiewski, S., U. Krey and J. Pirnay, Exchange coupling and magnetization in bcc-(001) Fe/Cu multilayers by a tight-binding LMTO-ASA method 121 (1993) 238

Labrune, M., see R. Kergoat 121 (1993) 339
Lairson, B.M., see B.M. Clemens 121 (1993) 37
Langouche, G., see J. Dekoster 121 (1993) 69
Lassri, H., see C. Sella 121 (1993) 201
Lauks, F., see P. Krams 121 (1993) 483
Lauter, H.J., see V.V. Pasyuk 121 (1993) 180
Lauter, H.J., see R.D. Bateson 121 (1993) 189
Le Dang, K., see F. Giron 121 (1993) 24
Le Dang, K., see F. Giron 121 (1993) 318
Leal, J., see N. Barradas 121 (1993) 80
Lefakis, H., see J.P. Nozières 121 (1993) 386
Leng, Q., see J.A. Wolf 121 (1993) 253
Lenoble, O., see J.-F. Bobo 121 (1993) 291
Lequien, S., see O. Durand 121 (1993) 140
Levy, P.M., Z.-P. Shi, S. Zhang, H.E. Camblong and J.L. Fry, Interlayer coupling and magnetoresistance of multilayered structures 121 (1993) 357
Levy, P.M., see H.E. Camblong 121 (1993) 446
Li, Z.G., see P.F. Carcia 121 (1993) 452
Liénard, A., see N. Cherief 121 (1993) 94
Limones, C., see J.L. Martínez-Albertos 121 (1993) 20
Lodder, J.C., see R. Kordecki 121 (1993) 524
Loewenhaupt, M., W. Hahn, Y.Y. Huang, G.P. Felcher and S.S.P. Parkin, Spin structures of Fe/Gd and Fe/Cr multilayers determined by polarized neutron reflectometry 121 (1993) 173
Logothetidis, S., see N.K. Flevaris 121 (1993) 479
Lu, M., see C. Rau 121 (1993) 163
Luche, M.C., A. Baudry and P. Boyer, Magnetic properties of Dy/Zr multilayers 121 (1993) 148

Lugert, G., W. Robl, L. Pfau, M. Brockmann and G. Bayreuther, Magnetic anisotropy and film structure in ultrathin Fe films on Au(111) 121 (1993) 498

McGee, N.W.E. see M.T. Johnson 121 (1993) 494
McGrath, O.F.K. see N. Cherief 121 (1993) 94
Måaza, M., Polarized neutron reflectometry as a tool of investigation of surface and interface magnetism 121 (1993) 112
Måaza, M., see C. Sella 121 (1993) 201
Mackay, K., see N. Cherief 121 (1993) 94
Maekawa, S., see J. Inoue 121 (1993) 344
Maesaka, A., see S. Hashimoto 121 (1993) 471
Maksymowicz, L.J. and H. Jankowski, Effect of Pd magnetic polarization on surface magnetic anisotropy constant of bilayers FeBSi/Pd/FeBSi 121 (1993) 545
Mangin, Ph., see B. Rodmacq 121 (1993) 213
Mangin, Ph., see K. Cherifi 121 (1993) 296
Mangin, Ph., see C. Dufour 121 (1993) 300
Marchal, G., see K. Cherifi 121 (1993) 296
Marchal, G., see C. Dufour 121 (1993) 300
Marlière, C., see S. Pizzini 121 (1993) 208
Martínez-Albertos, J.L., J. Camarero, J.M. García, C.J. Pastor, J.M. Gallego, C. Limones, J.E. Prieto, A.L. Vázquez de Parga, J. de la Figuera, C. Ocal and R. Miranda, A structural characterization of the buffer layer for growth of magnetically coupled Co/Cu superlattices 121 (1993) 20
Marty, A., B. Gilles, J. Eymery, A. Chamberod and J.C. Joud, MBE growth of Fe(211)/Au(110) multilayers on MgO (110) substrates 121 (1993) 57
Mathon, J., M. Villeret, D.M. Edwards and R.B. Muniz, Theory of oscillatory exchange in magnetic multilayers: effect of partial confinement and band mismatch 121 (1993) 242
Mattheis, R., W. Andrä Jr., L. Fritzsch, A. Hubert, M. Rührig and F. Thrum, Magnetoresistance and Kerr effect investigations of Co/Cu multilayers with wedge shaped Cu layers 121 (1993) 424
Mattoso, N., see J.F.M. Borges 121 (1993) 53
Maurer, M., see A. Fontaine 121 (1993) 10
Meckenstock, R., see R. Kordecki 121 (1993) 524
Meckenstock, R., see E.C. da Silva 121 (1993) 528
Mégy, R., see P. Beauvillain 121 (1993) 503
Melo, A.A., see N. Barradas 121 (1993) 80
Melo, L., see N. Barradas 121 (1993) 80
Melo, L.V., P. Monteiro and P.P. Freitas, Interfacial spin-dependent scattering in Co–Re antiferromagnetically coupled multilayers 121 (1993) 390
Melo, L.V., I.G. Trindade, M.M. Godinho and P.P. Freitas, Oscillatory exchange and giant magnetoresistance in Co–Cu superlattices deposited on glass substrates 121 (1993) 395
Mény, C., see J. Dekoster 121 (1993) 69
Mény, C., see T. Valet 121 (1993) 402
Mény, C., P. Panissod, P. Humbert, J.P. Nozières, V.S. Speriosu, B.A. Gurney and R. Zehringer, Structural study of Cu/Co/Cu/NiFe/FeMn spin valves by nuclear magnetic resonance 121 (1993) 406
Metoki, N., M. Hofelich, Th. Zeidler, T. Mühge, Ch. Morawe and H. Zabel, Structure and magnetic properties of Fe films on $Al_2O_3(11\bar{2}0)$ and MgO(001) 121 (1993) 137
Miloche, M., see C. Sella 121 (1993) 201
Miltat, J., see R. Kergoat 121 (1993) 339
Miranda, R., see J.L. Martínez-Albertos 121 (1993) 20
Miranda, R., see E. Navas 121 (1993) 65
Mokrani, A., see H. Nait-Laziz 121 (1993) 123
Monteiro, P., see L.V. Melo 121 (1993) 390
Morawe, Ch., see N. Metoki 121 (1993) 137
Morita, N., see S. Honda 121 (1993) 506
Mosca, D.H., see J.F.M. Borges 121 (1993) 53
Mühge, T., see N. Metoki 121 (1993) 137
Muniz, R.B., see M.V. Tovar Costa 121 (1993) 170
Muniz, R.B., see J. Mathon 121 (1993) 242

Nagata, S., see H. Fujimori 121 (1993) 42
Naik, R., M. Ahmad, G.L. Dunifer, C. Kota, A. Poli, K. Fang, U. Rao and J.S. Payson, Growth and magnetic studies of epitaxial films of Fe, Co and Ni on Cu(100)/Si(100) 121 (1993) 60
Nait-Laziz, H., C. Demangeat and A. Mokrani, Magnetism of vanadium islands on Ag(001) 121 (1993) 123
Nassik, M., see K. Cherifi 121 (1993) 296
Navas, E., P. Schuster, C.M. Schneider, J. Kirschner, A. Cebollada, C. Ocal, R. Miranda, J. Cerdá and P. de Andrés, Crystallography of epitaxial face centered tetragonal Co/Cu(100) by low energy electron diffraction 121 (1993) 65
Nawate, M., see S. Honda 121 (1993) 116
Nawate, M., H. Kiriake and S. Honda, Spin structures of Gd/Fe multilayers evaporated at oblique incidence 121 (1993) 144
Nawate, M., see S. Honda 121 (1993) 506
Nikitov, S., see R. Kordecki 121 (1993) 524
Nix, W.D., see B.M. Clemens 121 (1993) 37
Nörtemann, F., see J. Fassbender 121 (1993) 270
Nozières, J.P., V.S. Speriosu, B.A. Gurney, B. Dieny, H. Lefakis and T.C. Huang, The role of interfaces in NiFe/Cu/NiFe spin valves 121 (1993) 386
Nozières, J.P., see C. Mény 121 (1993) 406
Nyvlt, M., see N.K. Flevaris 121 (1993) 479

Obi, Y., see K. Takanashi 121 (1993) 309
Ocal, C., see J.L. Martínez-Albertos 121 (1993) 20
Ocal, C., see E. Navas 121 (1993) 65
Oepen, H.P., see A. Berger 121 (1993) 102
Oepen, H.P., see P. Krams 121 (1993) 483
Oepen, H.P., A. Berger, C.M. Schneider, T. Reul and J. Kirschner, Uniaxial anisotropy in epitaxial cobalt films grown on Cu(1 1 13) 121 (1993) 490
Ohresser, P., see A. Barbier 121 (1993) 73
Okada, M., see M.A.M. Gijs 121 (1993) 371
Osgood, R., see B.M. Clemens 121 (1993) 37
Ossart, F., see O. Geoffroy 121 (1993) 223
Otani, Y., see O. Geoffroy 121 (1993) 223
Otani, Y., see O. Geoffroy 121 (1993) 516
Ould-Mahfoud, S., see P. Beauvillain 121 (1993) 503
Ousset, J.-C., see J.-F. Bobo 121 (1993) 291
Ousset, J.-C., see A. Sdaq 121 (1993) 409

Panissod, P., see T. Valet 121 (1993) 402
Panissod, P., see C. Mény 121 (1993) 406
Pannetier, B., see O. Geoffroy 121 (1993) 223
Pannetier, B., see O. Geoffroy 121 (1993) 516
Pappas, D.P., see H. Tang 121 (1993) 205
Parizek, V., see N.K. Flevaris 121 (1993) 479
Parkin, S., see S. Stähler 121 (1993) 234
Parkin, S.S.P. see M. Loewenhaupt 121 (1993) 173
Parkin, S.S.P. see J. Fassbender 121 (1993) 270
Pastor, C.J., see J.L. Martínez-Albertos 121 (1993) 20
Pasyuk, V.V., H.J. Lauter, M.T. Johnson, F.J.A. den Broeder, E. Janssen, J.A.C. Bland, A.V. Petrenko and J.M. Gay, Interface magnetisation in a single ultrathin Pd/Co/Pd sandwich structure 121 (1993) 180
Payne, A.P., see B.M. Clemens 121 (1993) 37
Payne, A.P., see N.M. Rensing 121 (1993) 436
Payson, J.S., see R. Naik 121 (1993) 60
Pelzl, J., see R. Kordecki 121 (1993) 524
Pelzl, J., see E.C. da Silva 121 (1993) 528
Pérez, G.T., see J.M. Alameda 121 (1993) 336
Pérez, G.T., see F.H. Salas 121 (1993) 548
Petalas, J., see N.K. Flevaris 121 (1993) 479
Petrenko, A.V., see V.V. Pasyuk 121 (1993) 180
Pfau, L., see G. Lugert 121 (1993) 498
Piecuch, M., see A. Fontaine 121 (1993) 10
Piecuch, M., see S. Andrieu 121 (1993) 30
Piecuch, M., see S. Pizzini 121 (1993) 208
Piecuch, M., see J.-F. Bobo 121 (1993) 291
Piecuch, M., see A. Sdaq 121 (1993) 409
Pierre, F., see A. Fnidiki 121 (1993) 520
Pirnay, J., see S. Krompiewski 121 (1993) 238
Pizzini, S., see A. Fontaine 121 (1993) 10
Pizzini, S., F. Baudelet, E. Dartyge, A. Fontaine, Ch. Giorgetti, J.F. Bobo, M. Piecuch and C. Marlière, Structural and magnetic properties of Cu/Co and Au/Co multilayers 121 (1993) 208
Poli, A., see R. Naik 121 (1993) 60
Pollard, R.J., see S.J. Greaves 121 (1993) 532
Pommier, J., see A. Kirilyuk 121 (1993) 536
Popovic, S., see D. Hartmann 121 (1993) 160
Prieto, J.E., see J.L. Martínez-Albertos 121 (1993) 20
Prins, M.W.J. see G. Spierings 121 (1993) 109
Prins, M.W.J., D.L. Abraham and H. van Kempen, Spin-dependent transmission at ferromagnet/semiconductor interfaces 121 (1993) 152
Puszkarski, H., B. Kolodziejczak and M. Slomian, Bilayer-interface-localized spin-wave resonance mode line 121 (1993) 127

Rakoto, H., see A. Sdaq 121 (1993) 409
Rao, U., see R. Naik 121 (1993) 60
Raoux, D., see J.M. Tonnerre 121 (1993) 230
Raquet, B., see J.-F. Bobo 121 (1993) 291
Raquet, B., see A. Sdaq 121 (1993) 409
Rasing, Th., see G. Spierings 121 (1993) 109
Rau, C., N.J. Zheng and M. Lu, Layer-dependent magnetic properties at Fe surfaces using spin-polarized electron emission spectroscopy (SPEES) 121 (1993) 163
Ravet, M.F., see A. Fontaine 121 (1993) 10
Rebouillat, J.P., see N. Cherief 121 (1993) 94
Renard, D., see A. Kirilyuk 121 (1993) 536
Renard, J.P., see P. Beauvillain 121 (1993) 503
Rennert, P., W. Hergert, C. Demangeat and H. Dreyssé, Spin-polarized transition metal layers on Ag substrate in dependence on interdiffusion processes 121 (1993) 119
Rensing, N.M., A.P. Payne and B.M. Clemens, The effect of roughness on the magnetoresistance of Fe/Cr multilayers 121 (1993) 436
Reul, T., see H.P. Oepen 121 (1993) 490
Ribas, R. and B. Dieny, Numerical investigation of 90° coupling in magnetic sandwiches: Thermal variation, influence of anisotropy 121 (1993) 313
Richomme, F., see A. Fnidiki 121 (1993) 520
Robaut, F., see N. Cherief 121 (1993) 94
Robl, W., see G. Lugert 121 (1993) 498
Rodmacq, B., M. Vaezzadeh, B. George and Ph. Mangin, Influence of annealing on the magnetic and transport properties of Ag/Ni multilayers 121 (1993) 213
Rodmacq, B., see J.M. Tonnerre 121 (1993) 230
Ronconi, F., see O. Donzelli 121 (1993) 220
Rots, M., see N. Barradas 121 (1993) 80
Rüegg, S., see S. Stähler 121 (1993) 234
Rührig, M. and A. Hubert, Domain wall observations in magnetic multilayers 121 (1993) 330
Rührig, M., see R. Mattheis 121 (1993) 424
Rupp, G. and K. Schuster, Giant magnetoresistance in Co/Cu multilayers on glass and silicon substrates 121 (1993) 416

Ryan, T.W., see W.W. v.d. Hoogenhof 121 (1993) 88
Ryzhanova, N., see B. Dieny 121 (1993) 366

Saito, K., see N. Kataoka 121 (1993) 383
Saito, Y., see K. Inomata 121 (1993) 350
Sajieddine, M., see C. Dufour 121 (1993) 300
Sakakima, H. and M. Satomi, Oscillations in low-field giant magnetoresistance in Ni–Fe–Co/Cu(/Co) superlattices 121 (1993) 374
Salas, F.H., see J.M. Alameda 121 (1993) 336
Salas, F.H., C. Dehesa, G.T. Pérez and M. Alameda, Magnetic and magneto-optical properties of NdFeB/Mo and NdFeB/FeB amorphous bilayers 121 (1993) 548
Salgueiro, M.A., J.B. Sousa, M.E. Braga, V.S. Amaral and N.K. Flevaris, Anomalous electron scattering in Pd–Ni multilayered films 121 (1993) 440
Salgueiro, M.A., see B.G. Almeida 121 (1993) 443
Santos, A.D., see D. Givord 121 (1993) 216
Santos, A.D., see O. Geoffroy 121 (1993) 516
Sato, K., see Y. Suzuki 121 (1993) 539
Satomi, M., see H. Sakakima 121 (1993) 374
Schelp, L.F., see J.F.M. Borges 121 (1993) 53
Schelp, L.F., see G. Tosin 121 (1993) 399
Schilberg, M., Th. Kleinefeld and B. Hillebrands, Spin wave dynamics and domain structure in exchange coupled FeNi multilayers 121 (1993) 303
Schlenker, M., see O. Geoffroy 121 (1993) 516
Schmidt, J.E., see G. Tosin 121 (1993) 399
Schneider, C.M., see E. Navas 121 (1993) 65
Schneider, C.M., see H.P. Oepen 121 (1993) 490
Schreiber, R., see J.A. Wolf 121 (1993) 253
Schreiner, W.H., see J.F.M. Borges 121 (1993) 53
Schuhl, A., see O. Durand 121 (1993) 140
Schuhl, A., J.R. Childress, J.M. George, P. Galtier, O. Durand, A. Barthelemy and A. Fert, Magnetic and magnetotransport properties of Pd-based superlattices 121 (1993) 275
Schuster, K., see G. Rupp 121 (1993) 416
Schuster, P., see E. Navas 121 (1993) 65
Schütz, G., see S. Stähler 121 (1993) 234
Scott, J.C., see H. Tang 121 (1993) 205
Sdaq, A., J.M. Broto, H. Rakoto, J.-C. Ousset, B. Raquet, B. Vidal, Z. Jiang, J.F. Bobo, M. Piecuch and B. Baylac, Magnetic and transport properties of Ni/Ti, NiC/Ti and Co/Cu multilayers at high fields 121 (1993) 409
Sella, C., M. Måaza, M. Kaabouchi, S. El Monkade, M. Miloche and H. Lassri, Annealing effects on the structure and magnetic properties of Ni/Ti multilayers 121 (1993) 201
Sella, C., see R. Zuberek 121 (1993) 510
Shi, Z.-P., see P.M. Levy 121 (1993) 357
Shinjo, T., see K. Shintaku 121 (1993) 413
Shintaku, K., N. Hosoito and T. Shinjo, Oscillation in magnetoresistace and interlayer exchange coupling in epitaxial Fe/Au superlattices 121 (1993) 413
Slomian, M., see H. Puszkarski 121 (1993) 127
Soares, J.C., see N. Barradas 121 (1993) 80
Souche, Y., see N. Cherief 121 (1993) 94
Souche, Y., see D. Givord 121 (1993) 216
Souche, Y., see O. Geoffroy 121 (1993) 516
Soullier, G., see J.M. Tonnerre 121 (1993) 230
Sousa, J.B., see M.A. Salgueiro 121 (1993) 440
Sousa, J.B., see B.G. Almeida 121 (1993) 443
Speriosu, V.S., see J.P. Nozières 121 (1993) 386
Speriosu, V.S., see C. Mény 121 (1993) 406
Spierings, G., V. Koutsos, H.A. Wierenga, M.W. J. Prins, D. Abraham and Th. Rasing, Interface magnetism studied by optical second harmonic generation 121 (1993) 109
Stähler, S., G. Schütz, P. Fischer, M. Knülle, S. Rüegg, S. Parkin, H. Ebert and W. B. Zeper, Distribution of magnetic moments in Co/Pt and Co/Pt/Ir/Pt multilayers detected by magnetic X-ray absorption 121 (1993) 234
Stamps, R.L., see J. Fassbender 121 (1993) 270
Stamps, R.L., see P. Krams 121 (1993) 483
Steenbergen, A.S. van, see E.A.M. van Alphen 121 (1993) 77
Stegge, J. aan de, see M.T. Johnson 121 (1993) 494
Stoeffler, D. and F. Gautier, Magnetic couplings in Fe/Mn and Fe/Cr superlattices 121 (1993) 259
Storm, D.F., see M.D. Wieczorek 121 (1993) 34
Storm, D.F., see D.J. Keavney 121 (1993) 49
Storm, D.F., see D.J. Keavney 121 (1993) 283
Suzuki, Y., T. Katayama, A. Thiaville, K. Sato, M. Taninaka and S. Yoshida, Magneto-optical properties of Au/Fe/Ag and Ag/Fe/Au(001) sandwich films 121 (1993) 539
Swinnen, B., see N. Barradas 121 (1993) 80
Świrkowicz, R., Spin waves in metallic multilayered structures consisting of two different ferromagnets 121 (1993) 134
Szymczak, H., see R. Zuberek 121 (1993) 510

Takanashi, K., H. Fujimori, Y. Obi and N. Tsuda, Exchange coupling and its oscillation in Fe/Cr–X multilayer films (X = Ti, V, Mn, Nb, Mo and Ru) 121 (1993) 309
Tamura, Y., see S. Honda 121 (1993) 506
Tang, H., T.G. Walker, H. Hopster, D.P. Pappas, D. Weller and J. C. Scott, Spin polarization of secondary electrons from Gd(0001) 121 (1993) 205
Taninaka, M., see Y. Suzuki 121 (1993) 539
Teillet, J., see A. Fnidiki 121 (1993) 520
Teixeira, S.R., see J.F.M. Borges 121 (1993) 53

Tejada, J., X.X. Zhang and B. Barbara, Sharp transition between thermal and quantum tunneling regimes in magnetization relaxation processes 121 (1993) 227
Testa, A.M., see O. Donzelli 121 (1993) 220
Thiaville, A., see Y. Suzuki 121 (1993) 539
Thrum, F., see R. Mattheis 121 (1993) 424
Tonnerre, J.M., M. Jergel, D. Raoux, M. Idir, G. Soullier, R. Barchewitz and B. Rodmacq, Resonant magnetic soft X-ray diffraction at Ni L_{III} edge: ferro- and antiferromagnetism in Ag–Ni multilayers 121 (1993) 230
Tosin, G., see J.F.M. Borges 121 (1993) 53
Tosin, G., L.F. Schelp, M. Carara, J.E. Schmidt, A.A. Gomes and M. N. Baibich, Annealing of Co/Ag multilayers 121 (1993) 399
Tovar Costa, M.V., J. d'Albuquerque e Castro and R.B. Muniz, Exchange stiffness constant of two-dimensional Ni (100), (110) and (111) orientations 121 (1993) 170
Trindade, I.G. and P.P. Freitas, Magneto-optic and Monte Carlo studies of antiferromagnetically coupled Co–Re multilayers 121 (1993) 286
Trindade, I.G., see L.V. Melo 121 (1993) 395
Tsuda, N., see K. Takanashi 121 (1993) 309
Tsunashima, S., M. Jimbo, T. Kanda, S. Goto and S. Uchiyama, Giant magnetoresistance and structure of FeNiCo/Cu multilayers 121 (1993) 429
Tsunashima, S., see A. Yamaguchi 121 (1993) 542

Uchiyama, S., see S. Tsunashima 121 (1993) 429
Uchiyama, S., see A. Yamaguchi 121 (1993) 542

Vaezzadeh, M., see B. Rodmacq 121 (1993) 213
Valet, T., see R. Kergoat 121 (1993) 339
Valet, T. and A. Fert, Classical theory of perpendicular giant magnetoresistance in magnetic multilayers 121 (1993) 378
Valet, T., P. Galtier, J.C. Jacquet, C. Mény and P. Panissod, Correlation between giant magnetoresistance and the microstructure of $[Ni_{80}Fe_{20}/Cu/Co]$ multilayers 121 (1993) 402
Van Esch, A., see W. Van Roy 121 (1993) 197
Van Hove, M., see W. Van Roy 121 (1993) 197
Van Roy, W., E.L. Carpi, M. Van Hove, A. Van Esch, R. Bogaerts, J. De Boeck and G. Borghs, Study of the demagnetization and optimization of the magnetic field of perpendicular ferromagnetic thin films using sub-μm lithography 121 (1993) 197
Vázquez de Parga, A.L., see J.L. Martínez-Albertos 121 (1993) 20
Vedyayev, A., see B. Dieny 121 (1993) 366
Vega, A., L.C. Balbás and H. Dreyssé, Magnetic properties of very thin V films adsorbed on Fe substrate 121 (1993) 177
Veillet, P., see F. Giron 121 (1993) 24
Veillet, P., see F. Giron 121 (1993) 318
Veillet, P., see P. Beauvillain 121 (1993) 503
Vidal, B., see A. Sdaq 121 (1993) 409
Villeret, M., see J. Mathon 121 (1993) 242
Visnovsky, S., see N.K. Flevaris 121 (1993) 479
Visscher, P.B. and H. Zhang, Quantum mechanical calculation of giant magnetoresistance in layered magnetic films 121 (1993) 449
Voiron, J., see D. Givord 121 (1993) 216
von Geisau, O., see E.C. da Silva 121 (1993) 528
Vries, J.J. de, see M.T. Johnson 121 (1993) 494

Walker, J.C., see M.D. Wieczorek 121 (1993) 34
Walker, J.C., see D.J. Keavney 121 (1993) 49
Walker, J.C., see D.J. Keavney 121 (1993) 283
Walker, M.J., see M.J. Hall 121 (1993) 421
Walker, T.G., see H. Tang 121 (1993) 205
Weber, W., D.A. Wesner, D. Hartmann, U.A. Effner and G. Güntherodt, Electronic interface states at the Pt/Co interface 121 (1993) 156
Weber, W., see D. Hartmann 121 (1993) 160
Weller, D., see H. Tang 121 (1993) 205
Weller, D., H. Brändle and C. Chappert, Relationship between Kerr effect and perpendicular magnetic anisotropy in $Co_{1-x}Pt_x$ and $Co_{1-x}Pd_x$ alloys 121 (1993) 461
Wesner, D.A., see W. Weber 121 (1993) 156
Wesner, D.A., see D. Hartmann 121 (1993) 160
White, R.L., see B.M. Clemens 121 (1993) 37
Wieczorek, M.D., D.J. Keavney, D.F. Storm and J.C. Walker, Growth of Fe(110)/bcc Ni(110) superlattices by molecular beam epitaxy 121 (1993) 34
Wieczorek, M.D., see D.J. Keavney 121 (1993) 49
Wieczorek, M.D., see D.J. Keavney 121 (1993) 283
Wierenga, H.A., see G. Spierings 121 (1993) 109
Wilson, R.J., see D.D. Chambliss 121 (1993) 1
Wiser, N., see M.J. Hall 121 (1993) 421
Wolf, J.A., Q. Leng, R. Schreiber, P.A. Grünberg and W. Zinn, Interlayer coupling of Fe films across Cr interlayers and its relation to growth and structure 121 (1993) 253
Wolf, J.A., see E.C. da Silva 121 (1993) 528
Wolters, H., see N. Barradas 121 (1993) 80
Wüchner, S., see D. Givord 121 (1993) 216

Yamaguchi, A., S. Iwata, S. Tsunashima and S. Uchiyama, Magneto-optical effect of ultrathin Co films 121 (1993) 542
Yamaguchi, S., see H. Fujimori 121 (1993) 42
Yoshida, S., see Y. Suzuki 121 (1993) 539

Zabel, H., see N. Metoki 121 (1993) 137
Zehringer, R., see C. Mény 121 (1993) 406
Zeidler, Th., see N. Metoki 121 (1993) 137
Zeper, W.B., see S. Stähler 121 (1993) 234
Zeper, W.B., see P.F. Carcia 121 (1993) 452
Zhang, H., see P.B. Visscher 121 (1993) 449
Zhang, S., see P.M. Levy 121 (1993) 357
Zhang, X.X. and E.Y. Jiang, The nucleation and initial growth of iron films deposited by facing targets sputtering 121 (1993) 46
Zhang, X.X., see J. Tejada 121 (1993) 227
Zheng, N.J., see C. Rau 121 (1993) 163
Zinn, W., see J.A. Wolf 121 (1993) 253
Zuberek, R., H. Szymczak, R. Krishnan, C. Sella and M. Kaabouchi, Interface magnetostriction of sputtered Fe/C multilayers 121 (1993) 510

Journal of Magnetism and Magnetic Materials 121 (1993) 563–566
North-Holland

journal of magnetism and magnetic materials

Subject index to volume 121

Ag/Ni multilayer	121 (1993) 230
Amorphous ferromagnetic sandwiches	121 (1993) 548
Amorphous multilayers	121 (1993) 116
Amorphous sandwiches	121 (1993) 336
Anisotropic strain	121 (1993) 37
Anisotropy	121 (1993) 77, 137, 483, 494, 498
– constants	121 94, 528
– of interface	121 (1993) 487, 503
– of surface	121 (1993) 506, 524, 545
– of volume	121 (1993) 506
– perpendicular magnetic	121 (1993) 148, 461
– uniaxial	121 (1993) 350, 490
Annealing	121 (1993) 201, 213, 386, 421
Anomalous electron scattering	121 (1993) 440
Antiferromagnetic	
– coupling	121 (1993) 395, 429
– spacers	121 (1993) 259
Au/Co multilayers	121 (1993) 88
Band mismatch	121 (1993) 242
Band structure calculations	121 (1993) 432
Bcc Co	121 (1993) 69
Bidimensional structure	121 (1993) 10
Bilayer film	121 (1993) 127
Bilayer resonance	121 (1993) 127
Biquadratic coupling	121 (1993) 326
Boltzmann equation	121 (1993) 362, 390, 395, 449
Brillouin light scattering	121 (1993) 270, 483
Buffer layer	121 (1993) 20
Bulk scattering	121 (1993) 395
Circular magnetic X-ray dichroism	121 (1993) 10, 234
Circularly polarized synchrotron radiation	121 (1993) 130
CMXD	121 (1993) 10, 234
Co films	121 (1993) 77, 503, 532
Co ultrathin layers	121 (1993) 483
Co-Fe alloys	121 (1993) 383
Co-Pd alloys	121 (1993) 461
Co-Pt alloys	121 (1993) 461
Co/Ag multilayers	121 (1993) 399
Co/Au(111) interface	121 (1993) 487
Co/Cu multilayers	121 (1993) 83, 416, 424
– fcc(100)	121 (1993) 24, 318
Co/Cu superlattices	121 (1993) 20, 395
Co/Cu(100)	121 (1993) 102
Co/Cu(111) interface	121 (1993) 487
Co/Fe bcc superlattices	121 (1993) 69
Co/Ni	121 (1993) 494
Co/Os	121 (1993) 306
Co/Pd interface	121 (1993) 503
Co/Pt	121 (1993) 471
Co/Pt interface	121 (1993) 503
Co/Pt multilayers	121 (1993) 234, 479, 532
Co/Pt/Ir/Pt multilayers	121 (1993) 234
Co/Re multilayers	121 (1993) 390
Co/Ru multilayers	121 (1993) 270
Conductivity tensor	121 (1993) 542
Coupling	121 (1993) 306
Cu(100)	121 (1993) 1
Cu/Co multilayers	121 (1993) 208
Cu/Re multilayers	121 (1993) 286
Curie temperature	121 (1993) 116
Demagnetization	121 (1993) 197
Diffuse scattering	121 (1993) 189
Domain wall	121 (1993) 102, 330
– speed	121 (1993) 536
Dy/Zr multilayers	121 (1993) 148
EHE (Extraordinary Hall Effect)	121 (1993) 197
Electron microscopy	121 (1993) 452
Electron tunneling	121 (1993) 152
Ellipsometry	121 (1993) 479
Enhanced magnetic moment	121 (1993) 180, 189
Epitaxial	
– Co	121 (1993) 65
– Fe(110) films on Mo(110)	121 (1993) 37
– films	121 (1993) 60, 137
– growth	121 (1993) 253
Er/Fe multilayers	121 (1993) 296
Exchange coupling	121 (1993) 242, 248, 291, 303, 306, 309
– oscillations	121 (1993) 238
Extraordinary Hall Effect	121 (1993) 197
Fcc Fe	121 (1993) 140
Fe	121 (1993) 1, 539

0304-8853/93/$06.00 © 1993 – Elsevier Science Publishers B.V. All rights reserved

Fe films 121 (1993) 46, 137
Fe surfaces 121 (1993) 163
Fe(100) epitaxial films 121 (1993) 528
Fe(100)/Ag(100) 121 (1993) 49
Fe(110) 121 (1993) 498
Fe(110)/Ag(111) multilayers 121 (1993) 283
Fe/Au superlattice 121 (1993) 57, 413
Fe/Cr multilayers 121 (1993) 173, 253, 309, 357, 371, 436
Fe/Cu multilayers 121 (1993) 24, 238
Fe/Cu superlattices 121 (1993) 53
Fe/Cu(111) multilayers 121 (1993) 140
Fe/Gd multilayers 121 (1993) 173
Fe/Ir(001) superlattices 121 (1993) 30
Fe/Ni bcc superlattices 121 (1993) 34
Fe/Ni multilayers 121 (1993) 220, 524
Fe/NM/Fe sandwiches 121 (1993) 313
Fe/Pd(100) superlattices 121 (1993) 275
Fe/W epitaxial films 121 (1993) 94
FeNiCo 121 (1993) 429
Ferromagnetic
- coupling 121 (1993) 279
- particulate array 121 (1993) 223
- resonance 121 (1993) 510
- thin films 121 (1993) 513
First principles 121 (1993) 238
FMR 121 (1993) 60, 528
Friedel oscillations 121 (1993) 322

Gd 121 (1993) 205
Gd(0001) surface 121 (1993) 194
Gd/Fe bilayers 121 (1993) 94
Gd/Fe multilayer 121 (1993) 144, 300
Giant magnetoresistance 121 (1993) 371, 374, 378, 386, 395, 399, 402, 416, 424, 429
Growth modes 121 (1993) 1

High magnetic field 121 (1993) 409

Impurity states 121 (1993) 167
Interface 121 (1993) 80, 167, 350
- anisotropy 121 (1993) 487, 503
- magnetic properties 121 (1993) 49
- magnetism 121 (1993) 177
- mode 121 (1993) 127
- of Co/Au(111) 121 (1993) 487
- of Co/Cu(111) 121 (1993) 487
- of Co/Pd 121 (1993) 503
- of Co/Pt 121 (1993) 503
- scattering 121 (1993) 362, 386, 390, 395

Interface–interface interactions 121 (1993) 322
Interfacial diffusion 121 (1993) 201
Interfacial phenomena
- electronic structure 121 (1993) 156, 160
Interfacial roughness 121 (1993) 49, 253, 344, 436
Interlayer 121 (1993) 306
- coupling 121 (1993) 248, 259, 326, 357
- exchange coupling 121 (1993) 216, 253, 266, 270, 275, 283, 336, 413

Intermixing 121 (1993) 1
Internal stress 121 (1993) 506
Itinerant electron model 121 (1993) 134
Itinerant magnetism 121 (1993) 177

Kerr effect 121 (1993) 424, 461
- polar 121 (1993) 479, 542, 520
Kerr microscopy 121 (1993) 330, 339

Laser ablation 121 (1993) 83, 94
Layer dependent polarization 121 (1993) 163
Layered structures 121 (1993) 119
LEED 121 (1993) 65

Magnetic coupling 121 (1993) 185
Magnetic dichroism 121 (1993) 208
Magnetic interactions 121 (1993) 259
Magnetic multilayers 121 (1993) 57, 185, 220, 242, 291, 326, 330, 344, 378, 386, 402, 421
Magnetic particles 121 (1993) 516
Magnetic properties 121 (1993) 10, 399
Magnetic transitions 121 (1993) 220
Magnetism 121 (1993) 119, 123, 230
Magnetization 121 (1993) 227, 296
- curve 121 (1993) 350
- processes 121 (1993) 286
- reversal 121 (1993) 223
Magneto-optical
- diffraction 121 (1993) 516
- disk 121 (1993) 471
- effect 121 (1993) 539
- properties 121 (1993) 548
- recording material 121 (1993) 471
Magnetoelastic effects 121 (1993) 148
Magnetoresistance 121 (1993) 53, 140, 213, 223, 266, 275, 291, 318, 344, 350, 357, 374, 383, 390, 409, 421, 432, 436, 443, 446, 449
- of multilayers 121 (1993) 362
Magnetostriction 121 (1993) 510
MBE 121 (1993) 57
MCXD 121 (1993) 10
Mean field theory 121 (1993) 116
Metallic multilayers 121 (1993) 167, 259, 383

Metastable phases 121 (1993) 34
Microstructure 121 (1993) 452
MnAl 121 (1993) 197
Molecular mean field model 121 (1993) 300
Monte Carlo simulations 121 (1993) 286
Mössbauer spectroscopy 121 (1993) 34, 300, 520
Mössbauer studies 121 (1993) 49
Multilayers 121 (1993) 88, 134, 213, 230, 266, 296, 300, 350, 357, 399, 409, 432, 446, 449, 471, 510
– amorphous 121 (1993) 116
– metallic 121 (1993) 167, 259, 383
– of Au/Co 121 (1993) 88
– of Ag/Ni 121 (1993) 230
– of Co/Cu 121 (1993) 65, 83, 416, 424
– of Co/Ag 121 (1993) 399
– of Co/Pt 121 (1993) 234, 479, 532
– of Co/Pt/Ir/Pt 121 (1993) 234
– of Co/Re 121 (1993) 390
– of Co/Ru 121 (1993) 270
– of Cu/Co 121 (1993) 208
– of Cu/Re 121 (1993) 286
– of Dy/Zr 121 (1993) 148
– of Er/Fe 121 (1993) 296
– of Fe(110)/Ag(111) 121 (1993) 283
– of Fe/Cr 121 (1993) 173, 253, 309, 357, 371, 436
– of Fe/Cu 121 (1993) 24, 238
– of Fe/Cu(111) 121 (1993) 140
– of Fe/Gd 121 (1993) 144, 173, 300
– of Fe/Ni 121 (1993) 220, 524
– of Ni/Cu 121 (1993) 443
– of Ni/Pd 121 (1993) 440, 479
– of Ni/Ti 121 (1993) 201
– of Permalloy/Cu/Co 121 (1993) 339
– of Permalloy/Ru 121 (1993) 270
– of Pt/Co 121 (1993) 452
– of Tb/Fe 121 (1993) 520
– pure ferromagnetic 121 (1993) 303
– structure 121 (1993) 83, 253

Nanocrystalline material 121 (1993) 42
Nanostructure 121 (1993) 123, 406
NdFeB/FeB 121 (1993) 548
Neutron refractive index 121 (1993) 112
Ni monolayers 121 (1993) 170
Ni-Fe-Co/Cu/Co 121 (1993) 374
Ni/Cu multilayers 121 (1993) 443
Ni/Pd multilayers 121 (1993) 440, 479
Ni/Ti multilayers 121 (1993) 201
90 degrees coupling 121 (1993) 313
NMR 121 (1993) 24, 69, 77, 406
Nuclear and magnetic scattering length 121 (1993) 112
Nucleation mechanism 121 (1993) 46

Oblique incidence 121 (1993) 144
Optical nonlinear response 121 (1993) 109
Optical orientation 121 (1993) 152
Oscillatory
– coupling in multilayers 121 (1993) 322
– interlayer exchange coupling 121 (1993) 283, 413
– magnetoresistance 121 (1993) 413

Partial confinement 121 (1993) 242
Pd 121 (1993) 279
Permalloy/Cu/Co multilayers 121 (1993) 339
Permalloy/Ru multilayers 121 (1993) 270
Perpendicular magnetic anisotropy 121 (1993) 148, 461
Perpendicular transport 121 (1993) 378
Polarized neutrons 121 (1993) 112, 185
– reflection 121 (1993) 105, 173, 180, 189
Pseudomorphic growth 121 (1993) 34
Pt/Co multilayers 121 (1993) 452
Pt/Co sandwich 121 (1993) 73
Pure ferromagnetic multilayers 121 (1993) 303

Quantum model of giant magnetoresistance 121 (1993) 366, 371, 449
Quantum tunneling 121 (1993) 227

Random exchange potential 121 (1993) 344
Rare earth alloys 121 (1993) 516
RBS 121 (1993) 80
Reactivity 121 (1993) 20
Relaxation 121 (1993) 536
Resonance 121 (1993) 230
RHEED 121 (1993) 60, 69, 275
Rhodium 121 (1993) 119
RKKY interaction 121 (1993) 253, 357
RKKY oscillation 121 (1993) 374

Saturation fields 121 (1993) 350
Second harmonic generation 121 (1993) 109
Secondary electron spectroscopy 121 (1993) 130
SEMPA 121 (1993) 102
Shorter wavelength 121 (1993) 471
Soft magnetic multilayer 121 (1993) 42
Spin dependent potentials 121 (1993) 357
Spin flopping 121 (1993) 144
Spin polarization 121 (1993) 152, 205
Spin polarized electron emission spectroscopy 121 (1993) 163
Spin valve effect 121 (1993) 275, 339, 386, 406

Spin valve multilayer 121 (1993) 366
Spin wave 121 (1993) 134, 170
– parameter 121 (1993) 283
– resonance 121 (1993) 513, 524, 545
Sputtered multilayer films 121 (1993) 498
Sputtering 121 (1993) 46
– pressure 121 (1993) 436
Step-induced uniaxial anisotropy 121 (1993) 490
STM 121 (1993) 1
Structure 121 (1993) 20, 30, 73, 88, 208
– characterization 121 (1993) 80
– of multilayers 121 (1993) 83, 253
Superconducting thin films 121 (1993) 223
Superlattices
– of Co/Cu 121 (1993) 65, 395
– of Co/Fe bcc 121 (1993) 69
– of Fe/Au 121 (1993) 57, 413
– of Fe/Cu 121 (1993) 53
– of Fe/Ir(001) 121 (1993) 30
– of Fe/Ni bcc 121 (1993) 34
– of Fe/Pd(100) 121 (1993) 275
Surface
– anisotropy 121 (1993) 506, 524, 545
– magnetism 121 (1993) 156, 160, 205

Tb/Fe multilayers 121 (1993) 520
Thermal conductivity 121 (1993) 344
Thermal stability 121 (1993) 42
Thermoelectric power 121 (1993) 344
Thickness fluctuations 121 (1993) 318
Thin films 121 (1993) 156, 160, 216
– growth 121 (1993) 402
Third elements 121 (1993) 309
Transport 121 (1993) 409, 443, 446

UAs(001) surface 121 (1993) 194
Ultrathin
– Co 121 (1993) 482, 542
– epitaxial films 121 (1993) 490
– films 121 (1993) 180, 189, 498, 536, 539
Uniaxial anisotropy 121 (1993) 350, 490
Unidirectional anisotropy 121 (1993) 105

V 121 (1993) 123, 177
Volume anisotropy 121 (1993) 506

Wedge 121 (1993) 494

X-ray analysis 121 (1993) 88
X-ray resonant magnetic scattering 121 (1993) 194
XAS 121 (1993) 10

YCo/GdCo systems 121 (1993) 336